genetically engineered antibody antigen binding fragment, and a single chain monoclonal antibody, and wherein said antiaggregation molecule binds to a bioactive native target polypeptide epitope with a high binding constant and is noninhibitory to the biological activity of the target polypeptide comprising the steps of:

denaturing a target polypeptide which aggregates,
mixing the target polypeptide with said antiaggregation molecule to form a mixture,

incubating the mixture under conditions allowing for aggregation,

selecting non-aggregated mixtures, and
testing the nonaggregated target polypeptide coupled
to the anti-aggregation molecule for bioactivity thereby
selecting an anti-aggregation molecule with the chaperone-like
activity of anti-aggregation which when coupled to the target
polypeptide maintains bioactivity.

- 2. The method of claim 1 further characterized by the target polypeptide being β -amyloid.
- 3. A method of selecting an anti-aggregation molecule having the chaperone-like activity of antiaggregation, wherein the anti-aggregation molecule is selected from the group consisting of a monoclonal antibody, a genetically engineered antibody antigen binding fragment, and a single chain monoclonal antibody, and wherein said antiaggregation molecule binds to a bioactive native target polypeptide epitope with a high binding constant, reverses

aggregation and is non-inhibitory to the biological activity of the target polypeptide comprising the steps of:

preparing an aggregated target polypeptide,
mixing the target polypeptide with said antiaggregation molecule to form a mixture,

selecting mixtures with non-aggregated target polypeptides, and

testing the target polypeptide coupled to the antiaggregation molecule for bioactivity thereby identifying an
anti-aggregation molecule with the chaperone-like activity of
anti-aggregation which when coupled to the target polypeptide
maintains bioactivity.

- 4. The method of claim 3 further characterized by the target polypeptide being β -amyloid.
 - 150. A pharmaceutical formulation, comprising:
- (A) an antibody or antigen binding fragment thereof, wherein:
- (i) said antibody and said fragment recognize an epitope within residues 1-28 of beta-amyloid, and
- (ii) said antibody and said fragment inhibit aggregation of beta-amyloid; and
 - (B) a pharmaceutically acceptable carrier.
- 151. The pharmaceutical formulation of claim 150, wherein said antibody is a monoclonal antibody.
- 152. The pharmaceutical formulation of claim 151, wherein said antibody is a human monoclonal antibody.

- 153. The pharmaceutical formulation of claim 151, wherein said antibody is a genetically-engineered monoclonal antibody.
- 154. The pharmaceutical formulation of claim 153, wherein said antibody is a single-chain antibody.
- 155. The pharmaceutical formulation of any one of claims 150-154, wherein said beta-amyloid is human betaamyloid.
 - 156. A pharmaceutical formulation, comprising:
- (A) an antibody or antigen binding fragment thereof, wherein:
- (i) said antibody is obtainable using residues 1-28 of beta-amyloid as an immunogen, and
- (ii) said antibody and said fragment inhibit aggregation of beta-amyloid; and
 - (B) a pharmaceutically acceptable carrier.
- 157. The pharmaceutical formulation of claim 156, wherein said antibody is a monoclonal antibody.
- 158. The pharmaceutical formulation of claim 157, wherein said antibody is a human monoclonal antibody.
- 159. The pharmaceutical formulation of claim 157, wherein said antibody is a genetically-engineered monoclonal antibody.

- 160. The pharmaceutical formulation of claim 159, wherein said antibody is a single-chain antibody.
- 161. The pharmaceutical formulation of any one of claims 156-160, wherein said beta-amyloid is human beta-amyloid.
 - 162. A pharmaceutical formulation, comprising:
- (A) an antibody or antigen binding fragment thereof, wherein:
- (i) said antibody and said fragment recognize an epitope within residues 1-28 of beta-amyloid, and
- (ii) said antibody and said fragment maintain the solubility of soluble beta-amyloid; and
 - (B) a pharmaceutically acceptable carrier.
- 163. The pharmaceutical formulation of claim 162, wherein said antibody is a monoclonal antibody.
- 164. The pharmaceutical formulation of claim 163, wherein said antibody is a human monoclonal antibody.
- wherein said antibody is a genetically-engineered monoclonal antibody.
- 166. The pharmaceutical formulation of claim 165, wherein said antibody is a single-chain antibody.

167. The pharmaceutical formulation of any one of claims 162-166, wherein said beta-amyloid is human beta-amyloid.